

# [METHOD OF READING DATA FROM HIGH DENSITY OPTICAL RECORDING MEDIUM]

## Abstract

A method for reading data from high density optical recording media is disclosed. In this method, a value is generated from a formula  $P_r/(\lambda/NA)$ , wherein  $P_r$  is light source reading power;  $\lambda$  is wavelength; and NA is numerical aperture, when the value is in a range of about 1.15 to about 8 mW/ $\mu\text{m}$ , a recording mark within the high density optical recording medium which is smaller than a resolution limit of an optical system is detected.